



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF INFORMATION CITED BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/781,142
	Filing Date	February 19, 2004
	First Named Inventor	Kyrkanides
	Group Art Unit	1632
	Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A1	Adamo et al. (2001) Connexin 43 expression in oral derived human osteoblasts after transforming growth factor-beta and PGE2 exposure. J Oral Implantol 27: 25-31.
	A2	Akima et al. , A study on the microvasculature of the cerebellar cortex. The fundamental architecture and its senile change in the cerebellar hemisphere, Acta Neuropathol. 75 (1987) 69-76.
	A3	Akli et al. L (1996) Restoration of hexosaminidase A activity in human Tay-Sachs fibroblasts via adenoviral vector mediated gene transfer. Gene Therapy 3: 769-774.
	A4	Alisky et al. Transduction of murine cerebellar neurons with recombinant FIV and AAV5 vectors, Mol. Neurosci. 11 (2000) 2669-2673.
	A5	Barranger et al. Lessons learned from the development of enzyme therapy for Gaucher disease, J. Inherit. Metabol. Disord. 24 (2001) 89-96.
	A6	Bartlett and Samulski (1998) Fluorescent viral vectors: A new technique for the pharmacological analysis of gene therapy. Nat Medicine 4: 635-637.
	A7	Bartlett et al. (2000) Infectious entry pathway of adeno-associated virus and adeno-associated virus vectors. J Virology 74: 2777-2785
	A8	Bellinger et al. (2001) Effects of interleukin-2 on the expression of corticotropin-releasing hormone in nerves and lymphoid cells in secondary lymphoid organs from the Fischer 344 rat. J Neuroimmunol 119: 37-50.
	A9	Ben-Shachar et al. (1988a) Picrotoxin, a gamma-aminobutyric acid-receptor antagonist, retards craniofacial development in the weaning rat: I. Effect on mandibular bone growth. J Craniofac Genet Develop Biol 8: 351-361.
	A10	Ben-Shachar D, Laufer D, Livne E, Silbermann M (1988b). Picrotoxin, a gamma-aminobutyric acid-receptor antagonist, retards craniofacial development in the weaning rat: II. Effect on mandibular condylar cartilage. J Craniofac Genet Develop Biol 8: 363-372.
	A11	Birkenmeier et al. Increased life span and correction of metabolic defects in murine mucopolysaccharidosis type VII after syngeneic bone marrow transplantation. Blood 78 (1991) 3081-3092.
	A12	Bloemer et al. Highly efficient and sustained gene transfer in adult neurons with a lentivirus vector, J. Virology 71 (1997) 6641-6649.
	A13	Bowers et al. (2000). Discordance between expression and genome transfer titering of HSV amplicon vectors: recommendation for standardized enumeration. Mol Ther 1:294-9.
	A14	Bradl, M., A. Flugel, The role of T cells in brain pathology, Curr. Topics Microbiol. Immunol. 265 (2002) 141-162.
	A15	Bragg, et al. Choroid plexus macrophages proliferate and release toxic factors in response to feline immunodeficiency virus, J. Neurovirol. 8 (2002) 225-239.

Joan Kyrkanides 11/23/04

A16	Brooks et al. (1997). Nerve growth factor somatic mosaicism produced by herpes virus-directed expression of cre recombinase. Nat Biotech 15: 57-62.
A17	Brooks et al. (2002). Functional correction of established central nervous system deficits in an animal model of lysosomal storage disease with feline immunodeficiency virus-based vectors. Proc Natl Acad Sci USA 99: 6216- 6221.
A18	Brooks et al. Enzyme replacement treatment for Tay-Sachs disease brain cells in culture utilizing concanavalin A-mediated hexosaminidase A uptake: biochemical and morphological evidence of GM2 mobilization, Acta Neuropath. 50 (1980) 9-17.
A19	Brouxhon et al. (1998) Localization of corticotropin-releasing factor in primary and secondary lymphoid organs of the rat. Brain Behav Immun 12: 107-122.
A20	Burns et al. (1993) Vesicular stomatitis virus G-glycoprotein pseudotyped retroviral vectors Concentration to very high titer and efficient gene transfer into mammalian and nonmammalian cells. Proc Natl Acad Sci USA 90: 8033-8037.
A21	Burstein et al. (1987). Abnormalities of cellular immunity and natural killer cells in Gaucher's disease. J Clin Lab Immunol 23: 149-151.
A22	Byrd et al. (2000) Increased in vivo levels of neurotransmitters to trigeminal motoneurons: effects on craniofacial bone and TMJ. Anat Record 258: 369-383.
A23	Cannon PM, Anderson WF (2000) Retroviral vectors for gene therapy. In Gene Therapy: therapeutic mechanisms and strategies. NS Templeton and DD Lasic, Editors. Marcel Dekker Inc, New York, pp 1-16.
A24	Carneiro et al. Membrane recognition by vesicular stomatitis virus involves enthalpy-driven protein-lipid interactions, J. Virol. 76 (2002) 3756-3764.
A25	Chavany C, Jendoubi M (1998) Biology and potential strategies for the treatment of GM ₂ gangliosidosis. Mol Med Today 4: 158-65.
A26	Cinato et al. (2001). Cre-mediated transgene activation in the developing and adult mouse brain. Genesis: the Journal of Genetics & Development. 31(3):118-25, 2001
A27	Cohen MM Jr. Kreiborg S. The central nervous system in the Apert syndrome. Am J Med Genet 35: 36-45.
A28	Cohen MM Jr. Kreiborg S. The central nervous system in the Apert syndrome. Am J Med Genet 35: 36-45.
A29	Cohen-Tannoudji et al. Disruption of murine Hexa gene leads to enzymatic deficiency and to neuronal lysosomal storage, similar to that observed in Tay-Sachs disease. Mamm Genome. 6(12):844-9 (1995)
A30	Conzelmann E, Sandhoff K (1983) Partial enzyme deficiencies: residual activities and the development of neurological disorders. Dev Neurosci 6: 58-71.
A31	Culiat et al. (1995). Deficiency of the beta 3 subunit of the type A gamma-aminobutyric acid receptor causes cleft palate in mice. Nature Genet 11: 344-346.
A32	Curran et al. , Efficient transduction of pancreatic islets by feline immunodeficiency virus vectors, Transplantation 74 (2002) 299-306
A33	Daly Tm, Lorenz RG, Sands MS (2000). Abnormal immune function in vivo in a murine model of lysosomal storage disease. Pediatr Res 47: 757-762.
A34	Daly et al. (2001) Prevention of systemic clinical disease in MPS VII mice following AAV-mediated neonatal gene transfer. Gene Ther 8: 1291-8.
A35	Daly et al. (1999) Neonatal intramuscular injection with recombinant adeno-associated virus results in prolonged beta-glucuronidase expression in situ and correction of liver pathology in mucopolysaccharidosis type VII mice. Hum Gene Ther 10: 85-94.
A36	Daly et al. (1999) Neonatal intramuscular injection with recombinant adeno-associated virus results in prolonged beta-glucuronidase expression in situ and correction of liver pathology in mucopolysaccharidosis type VII mice. Hum Gene Ther 10: 85-94.
A37	Daly et al. (1999) Neonatal gene transfer leads to widespread correction of pathology in a murine model of lysosomal disease. Proc Natl Acad Sci USA 96: 2296-2300.
A38	Daly, et al. , Prevention of systemic clinical disease in MPS VII mice following AAV-mediated neonatal gene transfer, Gene Ther. 8 (2001) 1291-1298.

Joan 10 11/23/04

A39	Deng et al. (1998) Luciferase: a sensitive and quantitative probe for blood-brain barrier disruption. J Neurosci Methods 83: 159-164.
A40	Duvernoy, H., S. Delon, J.L. Vannson, The vascularization of the human cerebellar cortex, Brain Res. Bull. 11 (1983) 419-480.
A41	Dziennis et al. The CD11b promoter directs high-level expression of reporter genes in macrophages in transgenic mice. Blood 85(2):319-29 (1995)
A42	Eng, et al. A phase 1/2 clinical trial of enzyme replacement in fabry disease: pharmacokinetic, substrate clearance and safety studies, Am. J. Hum. Genet. 68 (2001) 711-722.
A43	Enlow DH, Hans MG (1996) Essentials of facial growth. W.B.Saunders Co, New York.
A44	Forss-Petter et al. (1990). Transgenic mice expressing β -galactosidase in mature neurons under neuron-specific enolase promoter control. Neuron 5: 187-197.
A45	Fournet et al. (1986) Selective localization of calcium-binding protein in human brainstem, cerebellum and spinal cord. Brain Res 399: 310-316.
A46	Frisella, et al. Intracranial injection of recombinant adeno-associated virus improves cognitive function in a murine model of mucopolysaccharidosis type VII, Mol. Ther. 3 (2001) 351-358.
A47	Goldberg, et al. CXCR3 expression in human central nervous system diseases, Neuropath. Appl. Neurobiol. 27 (2001) 127-138.
A48	Goldstein et al. (1986). In vitro studies of the blood-brain barrier using isolated brain capillaries and cultured endothelial cells. Ann NY Acad Sci 481: 202-13.
A49	Gorlin RJ (1990). Metabolic Disorders. In Syndromes of the Head and Neck. Gorlin RJ, Cohen MM and Levin LS (Eds). Oxford University Press, New York 1990, pp 99-117
A50	Gravel et al. Biochemistry and genetics of Tay-Sachs disease. Can J Neurol Sci. 18(3 Suppl):419-23 (1991)
A51	Greenwood, et al. Lymphocyte adhesion and transendothelial migration in the central nervous system: the role of LFA-1, ICAM-1, VLA-4 and VCAM-1, Immunol. 86 (1995) 408-415.
A52	Guidotti et al. (1999) Adenoviral gene therapy of the Tay-Sachs disease in hexosaminidase A deficient knockout mice. Hum Mol Genet 8: 831-838.
A53	Gurtu et al. (1996). IRES bicistronic vectors for efficient creation of stable mammalian cell lines. Bioch Biophys Res Comm 229:295-298.
A54	Halterman et al. . Hypoxia-inducible factor-1 α mediates hypoxia-induced delayed neuronal death that involves p53. [Journal Article] Journal of Neuroscience. 19(16):6818-24, 1999.
A55	Havenga et al. (1998). Second gene expression in bicistronic constructs using short synthetic intercistrons and viral IRES sequences. Gene 222: 319-327.
A56	Hickey WF (1991) Migration of hematogenous cells through the blood-brain barrier and the initiation of CNS inflammation. 1: 97-105.
A57	Hickey, W.F., B.L. Hsu, H. Kimura, T-lymphocyte entry into the central nervous system, J. Neurosci. 28 (1991) 254-260.
A58	Hickey, W.F., Basic principles of immunological surveillance of the normal central nervous system, GLIA 36 (2001) 118-124.
A59	Hickey, et al. Bone marrow derived elements in the central nervous system: an immunocytochemical and ultrastructural survey of rat chimeras, J. Neuropath. Epx. Neurol. 51 (1992) 246-256.
A60	Hoffman WY and McCarthy JG (1994). The effects of facial nerve ablation on craniofacial skeletal development in neonatal rabbits. Plast Reconstr Surg 93: 1236-1240.
A61	Huang et al. (2001) Absence of monocyte chemoattractant protein 1 in mice leads to decreased local macrophage recruitment and antigen-specific T helper cell type 1 immune response in experimental autoimmune encephalomyelitis. J Exp Med 193: 713-26.
A62	Huang JQ, Trasler JM, Igdoura S, Michaud J, Hanal N. Gravel RA (1997) Apoptotic cell death in mouse models of GM2 gangliosidosis and observations on human Tay Sachs and Sandhoffs diseases. Hum Mol Genet 6: 1879-85
A63	Huard, et al. , The route of administration is a major determinant of the transduction efficiency of rat tissues by adenoviral recombinants, Gene Ther. 2 (1995) 107-115.
A64	Izikson et al. (2002) Targeting monocyte recruitment in CNS autoimmune disease. Clin Immunol 103:125-131.

Joan W 11/23/04

A65	Jeyakumar et al. (2003). Central nervous system inflammation is a hallmark of pathogenesis in mouse models of GM1 and GM2 gangliosidosis. Brain 126: 974-987.
A66	Kang, et al. , In vivo gene transfer using a nonprimate lentiviral vector pseudotyped with ross river virus glycoproteins, J. Virol. 76 (2002) 9378-9388.
A67	Kessler MA. et al., The specificity of the myelin basic protein gene promoter studied in transgenic mice. [Journal Article] Biochemical & Biophysical Research Communications. 288(4):809-18, 2001
A68	Kessler et al. The human tyrosine hydroxylase gene promoter. [Journal Article] Brain Research. Molecular Brain Research. 112(1-2):8-23, 2003
A69	Kiesser et al. (1997) The monocyte-macrophage system in affected in lysosomal storage disease: an immunoelectron microscopic study. Acta Neuropathol 94:359-362.
A70	Kjaer I (1998) Neuro-osteology. Crit Rev Oral Biol Med 9: 224-244.
A71	Kjaer et al. (1999) The prenatal human cranium-Normal and pathologic development. Munksgaard, Copenhagen, pp 20-51.
A72	Koch et al. (1992) Enhanced production of monocyte chemoattractant protein-1 in rheumatoid arthritis. J Clin Invest 90: 772-9.
A73	Kordower et al. (1999) Lentiviral gene transfer to the nonhuman primate brain. Exp Neurol 160: 1-16.
A74	Krebsbach et al. Transgenic expression of COLL1A1-chloramphenicol acetyltransferase fusion genes in bone: differential utilization of promoter elements in vivo and in cultured cells. [Journal Article] Molecular & Cellular Biology. 13(9):5168-74, 1993.
A75	Kuchroo, et al. , T cell response in experimental autoimmune encephalomyelitis (EAE): role of self and cross-reactive antigens in shaping, tuning and regulating the autopathogenic T cell repertoire, Ann. Rev. Immunol. 20 (2002) 101-123.
A76	Kyrkanides et al. (1995) Skeletal asymmetries of the nasomaxillary complex in non-cleft and post-surgical unilateral cleft lip and palate individuals. Cleft Palat Craniofac J 32: 428-32.
A77	Kyrkanides et al. (1996) Asymmetries of the upper lip and nose in non-cleft and post-surgical unilateral cleft lip and palate individuals. Cleft Palat Craniofac J 33: 306-310.
A78	Kyrkanides et al. (1993) The basilar part of the occipital bone in normal and pathological fetuses. J Craniofac Genet Develop Biol 13: 184-192.
A79	Kyrkanides et al. (2000). Cranial base and facial skeleton asymmetries in unilateral cleft lip & palate individuals. Cleft Palate-Craniofacial Journal 37: 556-561.
A80	Kyrkanides et al. (2003) Transcriptional and post-translational regulation of Cre recombinase by RU486 as the basis for an enhanced inducible expression system. Molecular Therapy, In Press. (attached to this application as part of Appendix)
A81	Kyrkanides et al. (2003b) Transcriptional and post-translational regulation of Cre recombinase by RU486 as the basis for an enhanced inducible expression system. Mol Therapy 8: 790-795.
A82	Kyrkanides et al. (2003a) Systemic FIV vector administration: Transduction of CNS immune cells and Purkinje neurons. Mol Brain Res 119: 1-9.
A83	Kyrkanides et al. (2002a) COX-2 modulates inflammation related genes in CNS radiation injury. Mol Brain Res 104: 159-169.
A84	Kyrkanides et al. (2001). Enhanced glial activation and expression of specific CNS inflammation-related molecules in aged versus young rats following cortical stab injury. J Neuroimmunol 119: 269-77.
A85	Kyrkanides et al. (1999). TNF α and IL-1 α mediate ICAM-1 induction via microglia-astrocyte interaction in CNS radiation injury. J Neuroimmunol 95:95-106.
A86	Kyrkanides et al, (2002b) Temporomandibular Joint nociception: effects of capsaicin on substance P-like immunoreactivity in the rabbit brain stem. J Orofac Pain 16:229-235.
A87	Lacorazza et al. (1996) Expression of human b-hexosaminidase a-subunit gene in mouse brains upon engraftment of transduced progenitor cells. Nat Med 2: 424-429.
A88	Lipschutz et al. (2001). In utero delivery of adeno-associated viral vectors: Intraperitoneal gene transfer produces long term expression. Mol Ther 3: 284-92.
A89	Liu et al. (1997) The mature osteoblasts phenotype is characterized by extensive plasticity. Exp Cell Res 232: 97-105.

Joan K 11/23/04

A90	Liu et al. Transgenic mice expressing green fluorescent protein under the control of the melanocortin-4 receptor promoter. [Journal Article] Journal of Neuroscience. 23(18):7143-54, 2003
A91	Liu Y et al. (1999) A genetic model of substrate deprivation therapy for a glycosphingolipid storage disorder. J Clin Invest 103: 497-505.
A92	Lombardi et al. (1998) Microglial activation induced by factor(s) contained in sera from Alzheimer-related ApoE genotypes. J Neurosci Res 54: 539-53.
A93	Lu et al. Abnormalities in monocyte recruitment and cytokine expression in monocyte chemoattractant protein 1-deficient mice. J. Exp Med. 187(4):601-8 (1998)
A94	Ludwig et al. (1994) Differential sorting of lysosomal enzymes in mannose 6-phosphate receptor-deficient fibroblasts. JEMBO 13: 3430-3437.
A95	Martino et al. Absence of metabolic cross-correction in Tay-Sachs cells, J. Biol. Chem. 277 (2002) 20177-20184.
A96	McCormack et al. (2001) . Factors affecting long-term expression of a secreted transgene product after intravenous administration of a retroviral vector. Mol Ther 3: 516-525.
A97	Minghetti L, Levi G (1998) Microglia as effector cells in brain damage and repair: focus on prostanooids and nitric oxide. Prog in Neurobiol 54: 99-125.
A98	Miyazawa et al. Mn-SOD and Bel-2 expression after repeated hyperbaric oxygenation. 76:285-90 (2000)
A99	Mullen et al. (1992) NeuN, a neuronal specific nuclear protein in vertebrates. Development 116: 201-211.
A100	Munier-Lehmann et al. (1996) Re-expression of the mannose 6-phosphate receptors in receptor-deficient fibroblasts. Complementary function of the two mannose 6-phosphate receptors in lysosomal enzyme targeting. J Biol Chem 271: 15166-15174.
A101	Munier-Lehmann et al. (1996). Function of the two mannose 6-phosphate receptors in lysosomal enzyme transport. Biochem Soc Trans 24: 33-36.
A102	Myerowitz et al. (2002) Molecular pathophysiology in Tay-Sachs and Sandhoff diseases as revealed by gene expression profiling. Hum Mol Genet 11: 1343-1350.
A103	Nakamura et al. An immunohistochemical study of Purkinje cells in a case of hereditary cerebellar cortical atrophy, Acta Neuropathol. 97 (1999) 196-200.
A104	Nolte et al. GFAP promoter-controlled EGFP-expressing transgenic mice: a tool to visualize astrocytes and astrogliosis in living brain tissue. [Journal Article] GLIA. 33(1):72-86, 2001
A105	Norflus et al. Promoters for the human beta-hexosaminidase genes, HEXA and HEXB. DNA Cell Biol. 15(2):89-97 (1996)
A106	Norflus et al. (1998) Bone marrow transplantation prolongs life span and ameliorates neurologic manifestations in Sandhoff disease mice. J Clin Invest 101:1881-1888.
A107	O'Banion, M.K., Cyclooxygenase-2: molecular biology, pharmacology, and neurobiology, Crit. Rev. Neurobiol. 13 (1999) 45-82.
A108	Ohmi et al. (2003) Activated microglia in cortex of mouse models of mucopolysaccharidoses I and IIIB. Proc Natl Acad Sci USA 100: 1902-1907.
A109	Olschowka et al. Helper-free HSV-1 amplicons elicit a markedly less robust innate immune response in the CNS. J Neurosci. 23(2):218-27 (2003)
A110	Oya et al. (2000) Distribution of enzyme-bearing cells in GM2 gangliosidosis mice: regionally specific pattern of cellular infiltration following bone marrow transplantation. Acta Neuropathol 99: 161-168.
A111	Peel et al. Efficient transduction of green fluorescent protein in spinal cord neurons using adeno-associated virus vectors containing cell type-specific promoters. [Journal Article] Gene Therapy. 4(1):16-24, 1997
A112	Phaneuf et al. (1996) Dramatically different phenotypes in mouse models of human Tay-Sachs and Sandhoff diseases. Hum Mol Genet 5: 1-14.
A113	Poeschla EM, Wong-Stall F, Looney DL (1998) Efficient transduction of nondividing human cells by feline immunodeficiency virus lentiviral vectors. Nature Medicine 4: 354-357.
A114	Popovic et al. ID (2002) Inhibition of autoimmune encephalomyelitis by a tetracycline. Ann Neurol 51: 215-23.

done 11/23/04

A115	Porada et al. In utero gene therapy: transfer and long term expression of the bacterial neo(r) gene in sheep after direct injection of retroviral vectors into preimmune fetuses, Hum. Gene Ther. 9 (1998) 1571-1585.
A116	Priller et al. (2001a) Targeting gene-modified hematopoietic cells to the central nervous system: Use of green fluorescent protein uncovers microglial engraftment. Nat. Med. 7: 1356-1361.
A117	Priller et al. (2001b) Neogenesis of cerebellar Purkinje neurons from gene-marked bone marrow cells in vivo. J Cell Biol 155: 733-738.
A118	Priller, J., Grenzanger: adult bone marrow cells populate the brain. Histochem Cell Biol. 120(2):85-91 (2003)
A119	Proia et al. (1984). Association of a- and b- subunits during the biosynthesis of b-hexosaminidase in cultured human fibroblasts. J Biol Chem 259: 3350-3354.
A120	Purpura DP and Suzuki K (1976). Distortion of neuronal geometry and formation of aberrant synapses in neuronal storage disease. Brain Res 116:1-21.
A121	Ransohoff et al. (1993) Astrocyte expression of mRNA encoding cytokines IP-10 and JE/MCP-1 in experimental autoimmune encephalomyelitis. FASEB 7: 592-600.
A123	Risau et al. (1986) Differentiation-dependent expression of proteins in brain endothelium during development of the blood-brain barrier. Devel Biol 117: 537-545.
A124	Risau W, Wolburg H (1990) Development of blood-brain barrier. TINS 13:174-178.
A125	Rosenberg A (1999) Bones, joints and soft tissue tumors. In Robbins Pathologic Basis of Disease, 6 th edition; Cotran, Kumar & Collins (Ed), W.B.Saunders Co, New York.
A126	Sakurada et al. (1997) Immunocytochemical detection of accumulated substrates in cultured fibroblasts from patients with the infantile and adult forms of Sandhoff disease. Clin Chim Acta 265: 263-266.
A127	Sandell LJ and Boyd CD (1990) In Extracellular matrix genes. pp 1-56, Academic Press New York.
A128	Sands, et al. Enzyme replacement therapy for murine polysaccharidosis type VII, J. Clin. Invest. 93 (1994) 2324-2331.
A129	Sango et al. (1996) Mice lacking both subunits of lysosomal α -hexosaminidase display gangliosidosis and mucopolysaccharidosis. Nature Genet 14: 348-352.
A130	Sango K et al. (1995) Mouse models of Tay-Sachs and Sandhoff diseases differ in neurologic phenotype and ganglioside metabolism. Nature Genet 11: 170-176.
A131	Schmued et al. (1997) Fluoro-Jade: a novel fluorochrome for the sensitive and reliable histochemical localization of neuronal degeneration. Brain Res 751: 37-46.
A132	Schroeder et al. (1995) Developmental regulation of the human antibody repertoire. Ann NY Acad Scie 764: 242-260.
A133	Scott-Burden et al. (2002) Use of autologous auricular chondrocytes for lining artificial surfaces: A feasibility study. Ann Thorac Surg 73: 1528-33.
A134	Sinsel et al. (1998). The effect of unilateral partial facial paralysis and muscle ablation on craniofacial growth and development: An experimental study in the rabbit. Past Reconstr Surg 102: 1894-1912.
A135	Suzuki et al. (1988) The twitcher mouse: central nervous system pathology after bone marrow transplantation. Lab Investigator 58: 302-309.
A136	Suzuki et al. (1997) Mice deficient in all forms of lysosomal α -hexosaminidase show mucopolysaccharosis-like pathology. J Neuropath Exp Neurol 56: 693-703
A137	Swanborg, R.H., Experimental autoimmune encephalitis in the rat: lessons in T-cell immunology and immunoreactivity, Immunol. Rev. 184 (2001) 129-135.
A138	Szpak et al. (2001) Neurones and microglia in central nervous system immune response to degenerative processes. Part 1: Alzheimer's disease and Lewy body variant of Alzheimer's disease. Quantitative study. Folia Neuropathol 39: 181-92.
A139	Tarantal et al. (2001) Rhesus monkey model for fetal gene transfer: studies with retroviral-based vector systems. Mol Ther 3: 128-138.

Joan R. 11/23/04

A140	Teixeira et al. Retrovirus-mediated transfer and expression of α -hexosaminidase α -chain cDNA in human fibroblasts from GM ₂ -gangliosidosis B1 variant, Hum. Gene Ther. 12 (2001) 1771-1783.
A141	Tian et al. Dystroglycan in the cerebellum is a laminin alpha 2-chain binding protein at the glial-vascular interface and is expressed in Purkinje cells, Eur. J. Neurosci. 8 (1996) 2739-2747
A142	Utsumi et al. (2002) Western blotting analysis of the beta-hexosaminidase alpha- and beta-subunits in cultured fibroblasts from cases of various forms of GM2 gangliosidosis. Acta Neurol Scand 105:427-30.
A143	Vanden-Berghe, D.A., Comparison of various density-gradient media for the isolation and characterisation of animal viruses. In D. Rickwood (Ed.), Iodinated density gradient media-a practical approach, Oxford University Press, Oxford, UK, 1983, pp. 175-193.
A144	von Specht et al. B (1979) Enzyme replacement therapy for Tay-Sachs disease. Neurol 29: 848-854.
A145	Wada et al. (2002) Microglial activation precedes acute neurodegeneration in Sandhoff disease and is suppressed by bone marrow transplantation. Proc. Natl. Acad. Sci. U.S.A. 97: 10954-9.
A146	Walkley SU (1998) Cellular pathology of lysosomal storage disorders. Brain Path 8:175-193.
A147	Walkley et al. (1991). Neuroaxonal dystrophy in neuronal storage disorders: evidence for major GABAergic neuron involvement. J Neurol Sci 104:1-8.
A148	Walkley SU., Pathobiology of neuronal storage disease, Int Rev Neurobiol. 1988; 29:191-244.
A149	Walkley, S.U., K. Dobrenis, Bone marrow transplantation for lysosomal diseases, Lancet 345 (1995) 1382-1383.
A150	Walkley et al. Bone marrow transplantation corrects the enzyme defect in neurons of the central nervous system in a lysosomal storage disease, Proc. Natl. Acad. Sci. U.S.A. 91 (1994) 2970-2974.
A151	Weinmann et al. , Contribution of transplanted bone marrow cells to Purkinje neurons in human adult brain, Proc. Natl. Acad. Sci. U.S.A. 100 (2003) 2088-2093.
A152	Westerman KA , Leboulch P . Reversible immortalization of mammalian cells mediated by retroviral transfer and site-specific recombination. Proc. Natl. Acad. Sci. USA 93: 8971-8976, 1996.
A153	Wolff JA, Harding CO (2000) Principles of gene therapy for inborn errors of metabolism. In Gene Therapy: therapeutic mechanisms and strategies. NS Templeton and DD Lasic, Editors. Marcel Dekker Inc, New York, pp 507-533.
A154	Yamanaka et al. Neuropathology of mice with targeted disruption of Hexa gene, kmodel of Tay-Sachs disease. Acta Neuropathol (Berl.) 89(4):296-304 (1995)
A155	Yamanaka et al. Targeted disruption of the Hexa gene results in mice with biochemical and pathologic features of Tay-Sachs disease. 91(21):9975-9 (1994)
A156	Yaworsky et al. Transgenic analyses reveal developmentally regulated neuron- and muscle-specific elements in the murine neurofilament light chain gene promoter. Journal of Biological Chemistry. 272(40):25112-20, 1997
A157	Yrjanheikki et al. (1998) Tetracyclines inhibit microglial activation and are neuroprotective in global brain ischemia. Proc Natl Acad Sci USA 95: 15769-74.
A158	Yrjanheikki et al. (1999) A tetracycline derivative, minocycline, reduces inflammation and protects against focal cerebral ischemia with a wide therapeutic window. Proc Natl Acad Sci USA 96: 13496-500
A159	Zhang et al. , A highly efficient and consistent method for harvesting large volumes of high-titre lentiviral vectors, Gene Therapy 8 (2001) 1745-1751.
A160	Zhou et al. (1998) Temperature-sensitive neuromuscular transmission in Kv1.1 null mice: Role of potassium channels under the myelin sheath in young nerves. J. Neurosci 18: 7200-15)
A161	Zhou et al. Frontotemporal dementia: neuropil spheroids and presynaptic terminal degeneration, Ann. Neurol. 44 (1998) 99-109.

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Joan W 11/23/04